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PAPERS  
IN  
AGRICULTURE.

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No. I.

RAISING OAKS.

*The LARGE GOLD MEDAL, the premium offered in the year 1822, was this session given to PHILIP HURD, Esq. of Kentish Town, for raising 7570 OAKS. The following communication on the subject has been received from the candidate.*

SIR,                      Kentish Town House, January, 1822.

As a young member of the Society of Arts, &c. I take the liberty to communicate to you that since the year 1817 I have raised, on the estate now in my occupation at the foot of Highgate-hill, seven thousand five hundred and seventy oaks, all which are now in a healthy and thriving state.

In the autumn of 1817 I collected under the trees on my own premises upwards of ten thousand remarkably fine

acorns, which I sowed in drills in March 1818, covered two inches deep in the ground, and which were transplanted in March 1821, with some larch trees mixed amongst them. The ground being of a deep loam was trenched two feet deep, and the plants were set three feet apart from each other; and the ground hath been kept clean from time to time. Most of the plants have made shoots from eight inches to a foot long. Such of the plants as appear stunted in their growth I intend cutting down to within two inches of the ground, agreeably to a practice which prevails in many parts of Scotland with great success. The plants so cut down generally put forth two or three fine shoots, which should be looked over about the end of June, and the most promising shoot be left, and the others taken off, by which method they often become the finest trees. The plants are all carefully and effectually fenced off by hurdles, &c.

As the foregoing has taken place within the bills of mortality, I hope the communication will not be deemed unworthy of your notice.

In 1817 the acorns were very plentiful and fine; and having upwards of one hundred full grown oaks growing on my estate, and which appear to agree very well with the soil, I had an opportunity of selecting upwards of ten thousand of the finest acorns I ever saw.

The plants in question are intended, with others, to secure a succession of oak timber in this country.

I am, Sir,

&c. &c. &c.

*A. Aikin, Esq.*

*Secretary, &c. &c.*

P. HURD, F.A.S. & F.H.S.

CERTIFICATE.

WE hereby certify that Mr. Philip Hurd hath raised seven thousand five hundred and seventy young oaks, as described in his aforesaid letter, which are all now on the land in a healthy and thriving state.

PETER SHIELLS,  
*Gardener to the said Mr. Hurd.*  
 THOMAS ASTON, Jun. F. H. S.  
*43, Upper Guildford-street.*

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No. II.

EMBANKING LAND FROM THE SEA.

*The LARGE GOLD MEDAL, being the premium offered, was this session given to HENRY BLYTH, Esq. of Burnham, in Norfolk, for EMBANKING 253 ACRES OF LAND FROM THE SEA. The following communication on the subject has been received from the candidate.*

SIR,

Lynn, January 24, 1824.

I HAVE great pleasure in forwarding to you the accompanying documents relative to the embankment of the Burnham Deepdale salt-marsh; and in adding my testimony to the zeal displayed by Mr. Blyth in carrying forward a measure of great public utility, in a district where fresh marshes are much wanted, not only against the formidable obstacles presented by nature, but against the